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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
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(FOR KEY SEE REVERSE)

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Two types of cables were used in the Moscow TV center: 70 ohm cable and 140 ohm cable. Both sizes were approximately 150 meters in length.

2.

3.

The external diameter was nine to ten millimeters

4.

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25 YEAR RE-REVIEW

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the coverage expected in 1951 from Adlershof TV center, at a few hundred watts, would, under favorable conditions, be 15-20 kilometers.

14.

The Berlin cable works manufactured high voltage cables and not coaxial cable, whereas the Vacha plant in Rhoen specializes in coaxial cable. No engineers or consultants from the Berlin plants ever came to Adlershof. Kramer (fnu) came from Vacha as a consultant on high frequency problems.

15.

No production planning is contemplated in the tower building laboratories. The high vacuum department is not working on exhaust pumps. The range of interest is purely on TV matters. The high frequency laboratory is interested in transmitters for the Adlershof station only for political, not military reasons. They want to work on only two wave lengths for the picture; one of approximately 40 mc which would insure reception only for East Berlin citizens, and the other of 200 mc for the West Berlin population. The Soviets are developing this project for propaganda purposes only. This site was once the Deutsche Versuchsanstalt fuer Luftfahrt (DVL) until its destruction. Being state property the site was redeveloped.

16.

17.

the iconoscope research is solely for TV purposes and not for the military. The iconoscope developed at Adlershof is similar to the types developed at Fernseh A.G., Darmstadt, Germany, and would not be used for military purposes.

18.

the iconoscope tube developed in Fryazino NII 160 was used in Leningrad 380. A Soviet, Professor Braude, lectured (on wide band amplifiers) in Moscow and Leningrad

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